

PTO/SB/08A/B (09-06)
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Subs	stitute for form 1449/PTC)		Complete if Known		
				Application Number	10/560,385-Conf. #3846	
IN	FORMATIO	N DIS	SCLOSURE	Filing Date	January 12, 2007	
S	TATEMENT	BY A	PPLICANT	First Named Inventor	Michael G. Orchard	
				Art Unit	1614	
	(Use as many s	sheets as	necessary)	Examiner Name	Not Yet Assigned	
Sheet	1	of	3	Attorney Docket Number	A0345.0021	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			

	FOREIGN PATENT DOCUMENTS									
Examiner	Cite	Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines,					
Initials*	No.1	Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear					
	ВА	EP-0 536 402	04-14-1993	Nippon Shinyaku Company		1				
	BB	EP 0 698 012 (WO-94/26714)	11-24-1994	G.D. Searle & Co et al.						

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		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	CA	GIULIO ALESSANDRI, ET AL., "Angiogenic and Angiostatic Microenvironment in Tumors," Anct Onco. (1997), 36(4), pp. 383-387	
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	CE	GUNNAR C. HANSSON, ET AL., "A novel approach to the study of glycolipid receptors for viruses," FEBS Lett. (1984), 170(1), pp. 15-18	
	CF	VICTOR JIMENEZ-LUCHO, ET AL., "Cryptococcus neoformans, Candida albicans, and Other Fungi Bind Specifically to the Glycosphingolipid Lactosylceramide (Galβ1-4Glcβ1-1Cer), a Possible Adhesion Receptor for Yeasts," Infect. Immun. (1990), 58(7), pp. 2085-2090	
	CG	YAAKOV LAVIE, ET AL., "Agents that Reverse Multidrug Resistance, Tamoxifen, Verapamil, and Cyclosporin A, Block Glycosphingolipid Metabolism by Inhibiting Ceramide Glycosylation in Human Cancer Cells," J. Biol. Chem. (1997) 272(3), pp. 1682-1687	
	СН	YONG-YU LIU, ET AL., "Uncoupling Ceramide Glycosylation of Transfection of Glucosylceramide Synthase Antisense Reverses Adriamycin Resistance," J. Biol. Chem. (2000), 275(10), pp. 7138-7143	
	CI	RUIXIANG LI, ET AL., "Cellular Gangliosides Promote Growth Factor-inducted Proliferation of Fibroblasts," J. Biol. Chem. (2000), 275(44), pp. 34213-34223	
	CJ	IVAN Z. ZADOR, ET AL., "A Role for Glycosphingolipid Accumulation in the Renal Hypertrophy of Streptozotocin-induced Diabetes Mellitus," Clin. Invest. (1993), 91(3), pp. 797-903	
	СК	AKIRA ABE, ET AL., "Reduction of globotriaosylceramide in Fabry disease mice by substrate	

Examiner Signature /John Mabry/ (04/02/2010) Date Considered

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Sheet	2	of	3	Attorney Docket Number	A0345.0021	

 	deprivation," J. Clin. Invest. (2000), 105(11), pp. 1563-1571	
CL	ROBERT MCKALLIP, ET AL., "Tumor Gangliosides Inhibit the Tumor-Specific Immune Response," J. Immuno. (1999), 163(7), pp. 3718-3726	
СМ	MAJLIS SVENSSON, ET AL., "Carbohydrate Receptor Depletion as an Antimicrobial Strategy for Prevention of Urinary Tract Infection," J. Infect. Dis. (2001), suppl. 70-73, p. 183	
 CN	SUBROTO CHATTERJEE, ET AL., "Role of lactosylceramide and MAP kinase in the proliferation of proximal tubular cells in human polycystic kidney disease," J. Lipid. Res. (1996), 37(6), pp. 1334-1344	
СО	TIMOTHY COX, ET AL., "Novel oral treatment of Gaucher's disease with N-butyldeoxynojirimycin (OGT 918) to decrease substrate biosynthesis," Lancet (2000), 355(9214), pp. 1481-1485	
CP	N.V. PROKAZOVA, ET AL., "Gangliosides and Atherosclerosis," Lipids (1994), 29(1), pp. 1-5	
ca	KAZUKO HANDA, ET AL., "Analysis of Glycolipid-Dependent Cell Adhesion Based on Carbohydrate-Carbohydrate Interaction," Mathads Enzymol. (2000), 312, pp. 447-458	
 CR	CLIFFORD A. LINGWOOD, ET AL., "Analysis of Interactions between Glycosphingolipids and Microbial Toxins," Methods Enzymol. (2000), 312, pp. 459-473	
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 СТ	KAI SIMONS ET AL., "Functional rafts in cell membranes," Nature (1997), 387(6633), pp. 569-572	
C	PRAVEEN TYLE, "Iontophoretic Devices for Drug Delivery," Pharmaceutical Research (1986), 3(6), p. 318	
CV	LINDA A. GOODMAN, ET AL., "Ectopic dendrites occur only on cortical pyramidal cells containing elevated GM2 ganglioside in α-mannosidosis," Proc. Natl. Acad. Sci. USA (1991), 88(24), pp. 11330-11334	
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CX	MYLVAGANAM JEYAKUMAR, ET AL., "Delayed symptom onset and increased life expectancy in Sandhoff disease mice treated with N-butyldeoxynojirimycin," Proc. Natl. Acad. Sci. USA (1999), 96(11), pp. 6388-6393	
CY	Protective Groups in Organic Chemistry, T.W. Greene and P.G.M. Wuts, (Wiley-Interscience, New York, 2nd edition) (1991)	
CZ	FRANCES M. PLATT, ET AL., "Prevention of Lysosomal Storage in Tay-Sachs Mice Treated with N-Butyldeoxynojirimycin," Science (1997), 276(5311), pp. 428-431	
CA1	MILTON ALTER, "GM ₁ , Ganglioside for Acute Ischemic Stroke," Alter, Ann. NY Acad. Sci. (1998), 845, pp. 391-401	
CB1	LIN-P'ING CHOO-SMITH ET AL., "Acceleration of Amyloid Fibril Formation by Specific Binding of Aβ-(1-40) Peptide to Ganglioside-containing Membrane Vesicles," Biol. Chem. (1997), 272, pp 22987-22990	
CC1	FOWLER, P.A. ET AL., "Synthesis and activity towards yeast α-glucosidase of 1,5-dideoxy-1,5-imino-L-iditol (1-deoxy-L-idonojirimycin), Carbohydr. Res. (1993), 246, pp. 377-381	
CD1	FRED H. GEISLER, "Clinical Trials of Pharmacotherapy for Spinal Cord Injury," NY Acad. Sci. (1998), 845, pp . 374-381	
CE1	MEMON, R.A. ET AL., "Regulation of Glycosphingolipid Metabolism in Liver during the Acute Phase Response," J. Biol. Chem. (1999), 274(28), pp. 19707-19713	
CF1	MEMON, R.A., ET AL., "Regulation of sphingolipid and glycosphingolipid metabolism in	
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Sheet	3	of	3	Attorney Docket Number	A0345.0021	

	extrahepatic tissues by endotoxin," J. Lipid. Res. (2001), 42(3), pp. 452-459	
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CH1	FRANCES M. PLATT ET AL., "N-Butyldeoxygalactonojirimycin Inhibits Glycolipid Biosynthesis but Does Not Affect N-Linked Oligosaccharide Processing," J. Biol. Chem. (1994), 269, pp. 27108-27114	an a an
CI1	RAO, V.S. ET AL., "Regioselective eliminations in reactions of carbohydrate derivatives with superoxide, or with borohydride in 2-propanol," Can. J. Chem. (1981), 59(2), pp. 333-338	
CJ1	RYAN, J.L. ET AL., "Changes in Membrane Gangliosides: Differentiation of Human and Murine Monocytic Cells," Yale J. Biol. Med. (1985), 58(2), pp. 125-131	
CK1	J.S. SCHNEIDER, "GM1 Ganglioside in the Treatment of Parkinson's Disease," Anatomy and Cell Biology, (1990), 845, pp. 363-373	
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CM1	HERBERT C. YOHE, ET AL., "Ganglioside alterations in stimulated murine macrophages," Biochim, Biophys. Acta (1985), 818(1), pp. 81-86	
CN1	HERBERT C. YOHE, ET AL., "Ganglioside expression in Macrophages from Endotoxin Responder and Non-Responder Mice,", Immunol. (1986), 137(12), pp. 3921-3927	
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